

Converting Colors

Hex(5C68A1)

Have a look what the booklet for
Hex(5C68A1) contains.

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Color

Hex(5C68A1)

Conversions

Conversions Part 1

Format	Color
Hex	5C68A1
RGB	92, 104, 161
RGB Percent	36%, 41%, 63%
CMY	0.6392, 0.5922, 0.3686
CMYK	0.43, 0.35, 0.00, 0.37
HSL	230°, 27%, 50%
HSV	230°, 43%, 63%
XYZ	15.7970, 14.7491, 35.7325
YIQ	106.9100, -25.4490, 15.1830

Conversions

Conversions Part 2

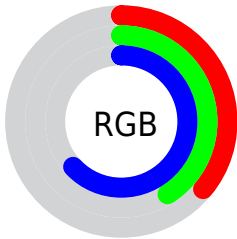
Format	Color
R_{YB}	92, 102, 161
Decimal	6056097
CIE _{Lab}	45.29, 10.73, -32.28
CIE _{LCh}	45, 34.019, 288.384
Yxy	14.7491, 0.2383, 0.2225
Android (android.graphics.Color)	4284246177 (0xFF5C68A1)
YUV	106.9100, 26.6664, -13.0761
Hunter-Lab	38.4046, 6.2143, -28.2815

Details

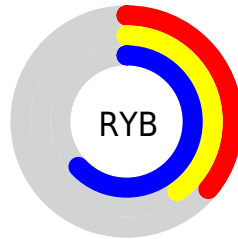
The Hex color **5C68A1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A1955C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **919BD8**, and **28396D** is the 20% darker color. If you saturate the color by 10%, you get **4C5BA1**, and if you desaturate by 10%, it is **6C75A1**.

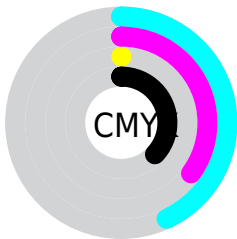
Distribution



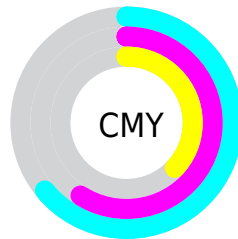
- Red (36%)
- Green (41%)
- Blue (63%)



- Red (36%)
- Yellow (40%)
- Blue (63%)



- Cyan (43%)
- Magenta (35%)
- Yellow (0%)
- Black (37%)



- Cyan (64%)
- Magenta (59%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C68A1 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5C68A1 by changing the saturation by 10% instead.

■ 5C68A1

■ 5C68A1

FFFFFF

■ 425087

■ 919BD8

■ 28396D

■ ACB6F5

■ 082454

■ C9D1FF

■ 000F3D

■ E5EEFF

■ 000327

■ 000110

■ 000000

■ 5C68A1

■ 5C68A1

■ 4C5BA1

■ 6C75A1

■ 3C4DA1

■ 7C83A1

■ 2C40A1

■ 8C90A1

■ 1C33A1

■ 9C9DA1

■ 0B26A1

■ ACABA1

■ 001CA1

■ BDB8A1

■ CDC5A1

■ DDD2A1

■ EDE0A1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1B71A2



5C68A1



835D91

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5C68A1



995C42



1B795F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5C68A1



A1955C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4B7644



5C68A1



866633

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5C68A1



A1545B



6B6F33



007A7C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5C68A1



955781



6B6F33



2F7855

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5C68A1



B6BBD1



5CA194



585B69



E8E8E8



696969

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5C68A1



6679D1



725CA1



494B52



001991



000312

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A15C68



D16679



8BA15C



52494B



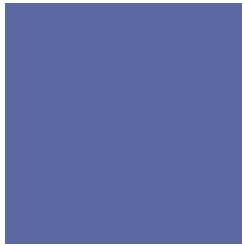
910019



120003

Previews

White Background



This preview shows how the Hex color 5C68A1 looks on a white background.

Color Contrast Check

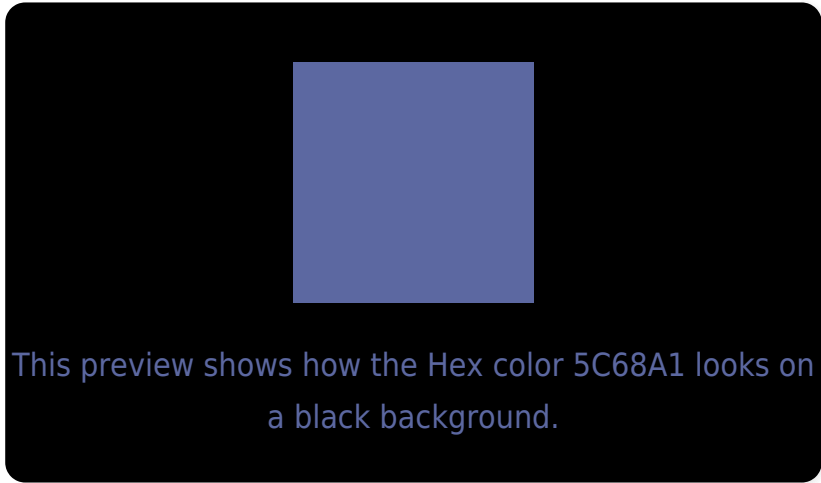
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5C68A1 Background



This preview shows how black text looks on a background with the Hex color 5C68A1.

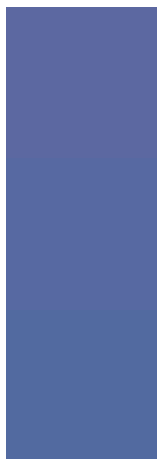


This preview shows how white text looks on a background with the Hex color 5C68A1.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
5C68A1

Protanopia
5769A2

Deuteranopia
526AA0



Tritanopia
517079

Trichromacy



Original Color
5C68A1

Protanomaly
5969A2

Deuteranomaly
5669A0

Tritanomaly
556D88

Monochromacy



Original Color
5C68A1

Achromatopsia
6B6B6B

Achromatomaly
666A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C68A1 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5C68A1 looks like.

```
.text, #text, p{  
    color:#5C68A1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5C68A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C68A1
}
```

Border

The CSS property to change the border of an element to Hex 5C68A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C68A1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5C68A1 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5C68A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C68A1; -webkit-box-shadow:4px 4px  
4px 4px #5C68A1; box-shadow:4px 4px 4px  
4px #5C68A1 }
```

Background

The CSS property to change the background color of an element to Hex 5C68A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C68A1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5C68A1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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